

ABSTRACT

5 Illumination methods and apparatus, in which a first number of first light sources are adapted to generate first radiation having a first spectrum, and a second number of second light sources are adapted to generate second radiation having a second spectrum different than the first spectrum. In one example, the first number of the first light sources and the second number of the second light sources are different. In another example, a first intensity of the first radiation and a second intensity of the second radiation are independently controlled so as to controllably vary at least an overall perceivable color of generated visible radiation. In yet another example, a first control
10 signal controls all of the first light sources substantially identically, and a second control signal controls all of the second light sources substantially identically.